

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



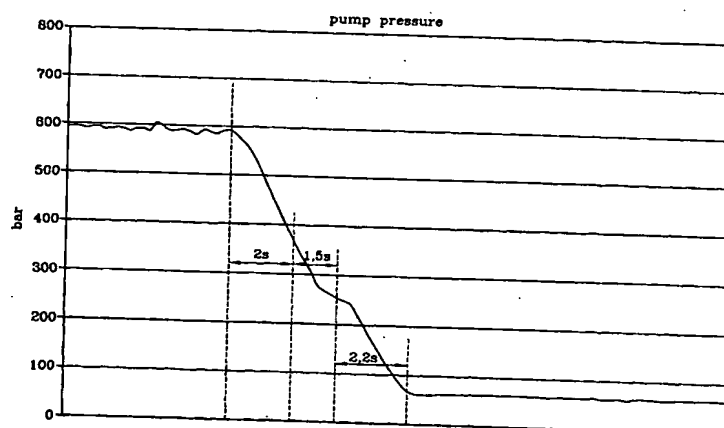
(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000559 A1

- (51) International Patent Classification⁷: **B29C 47/92**, **B29D 30/16**, **30/30** (74) Agents: **BOTTERO, Carlo**, et al.; **PIRELLI S.p.A.**, Viale Sarca, 222, I-20126 Milano (IT).
- (21) International Application Number: **PCT/IB2003/002520**
- (22) International Filing Date: **30 June 2003 (30.06.2003)**
- (25) Filing Language: **Italian**
- (26) Publication Language: **English**
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- (81) Designated States (national): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (regional): **ARIPO** patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A PROCESS FOR MANUFACTURING ELASTOMERIC COMPONENTS OF A TYRE FOR VEHICLE WHEELS



(57) Abstract: A process for manufacturing elastomeric components of a tyre (3) for vehicle wheels comprising the steps of: feeding a continuous elongated element (20) from a delivery member (19) for application of said elongated element (20) onto a building support (18), by exerting a feeding pressure inside said delivery member (19); giving the support (18) a rotatory motion around a geometrical rotation axis (X-X) thereof, so that the elongated element (20) is circumferentially distributed on the support (18); carrying out controlled relative displacements for transverse distribution between said support (18) and delivery member (19) to form a tyre (3) component (9, 12, 13, 14, 15, 16, 17) with said elongated element (20) which is defined by a plurality of coils (20a) laid in a prestablished deposition pattern depending on a predetermined cross-section outline to be given to said component (9, 12, 13, 14, 15, 16, 17); stopping said step of feeding said elongated element (20) when formation of said component (9, 12, 13, 14, 15, 16, 17) has been completed; exerting a counter-pressure inside said delivery member (19).

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